

DART SERVICE INSTRUCTION

**TO AMEND INSTALLATION INSTRUCTIONS IIN-D117-837 Rev. A AND
INSTRUCTIONS FOR CONTINUED AIRWORTHINESS ICA-D117-837 Rev. 0
REF. TCCA STC: SH13-22**

1.0 Purpose

The purpose of this Dart Service Instruction (DSI) is to upgrade the D4794-1 Strut that was provided with the D117-837-011 Heli-Utility-Basket at CHG 001 to a D4794-041 Strut Assembly for ease of installation and improved durability in service.

2.0 Installation of DSI 9676-011

- 2.1 Remove and discard existing D4794-1 Strut and D4911-1 Bracket. Discard the hardware used to attach the strut to the D4911-1/3 Brackets. Refer to ICA-D117-837 Figures 25-4 and Figure 25-5.
- 2.2 Enlarge the hole to $\varnothing 0.261$ " (G drill) on D4911-3 Bracket. Remove bracket from airframe as required. Deburr hole.
- 2.3 Install new D4911-1 Bracket to D4784-011 Basket Assy per Figure 25-5 of ICA-D117-837.
- 2.4 Install D4794-041 Strut Assy to D4911-1/3 Brackets, make adjustment to AN665-34R threaded clevises and lock with NAS509-4C jam nuts. Install D4794-041 Strut Assy using AN4-7 bolts, NAS1149F0463P washers, AN310C4 castellated nuts and secure with MS24665-151 cotter pins. Secure NAS509-4C Jam nuts using lock wire per AC43.13 or MS33540. AN4-7 bolt should be a slip fit in both ends of the strut assy. Refer to Figure 1 of this DSI.
- 2.5 After adjustment, use lockwire in hole of AN665-34R clevises to check for proper engagement of threads.

3.0 Updated Parts List

For D117-837-011 @ CHG 002, Parts List in ICA-D117-837 and IIN-D117-837 is updated as follows:

ADD

Qty -011	Part Number	Description
X	D117-837-011	HELI-UTILITY-BASKET, LH/RH
1	D4794-041	STRUT ASSEMBLY
2	AN310C4	NUT, CASTELLATED
2	AN4-7	BOLT
2	MS24665-151	COTTER PIN
4	NAS1149F0463P	WASHER

REMOVE

Qty -011	Part Number	Description
X	D117-837-011	HELI-UTILITY-BASKET, LH/RH
1	D4794-1	STRUT
2	AN3-3A	BOLT
4	NAS1149F0332P	WASHER
2	MS21042-3	NUT

CANADA
DEPARTMENT OF TRANSPORT
AIRCRAFT CERTIFICATION
BRANCH
DAO # 01-O-01

APPROVED

BY: 
D. SHEPHERD (DE # 02)

DATE: 13.11.19
CERT. NO.: SH13-22
ISSUE NO.: 1

A	NEW ISSUE	RF	13.11.19
REV.	DESCRIPTION		BY DATE
DESIGN	RF	DART AEROSPACE LTD	
DRAWN	RF	HAWKESBURY, ONTARIO, CANADA	
CHECKED	RF	DRAWING NO.	REV. A
MFG. APPR.	N/A	DSI 9676	SHEET 1 OF 2
APPROVED	RF	TITLE	SCALE
DE APPR.	RF	BASKET STRUT UPGRADE	NTS
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NOTE: Customers who already have D117-837-011 at CHG 001 can procure the DSI 9676-011 kit from Dart.

Qty -011	Part Number	Description
X	DSI 9676-011	BASKET STRUT UPGRADE
1	D4794-041	STRUT ASSEMBLY
1	D4911-1	BRACKET
2	AN310C4	NUT, CASTELLATED
2	AN4-7	BOLT
2	MS24665-151	COTTER PIN
4	NAS1149F0463P	WASHER

4.0 Weight & Balance

This DSI has a negligible effect on Weight & Balance

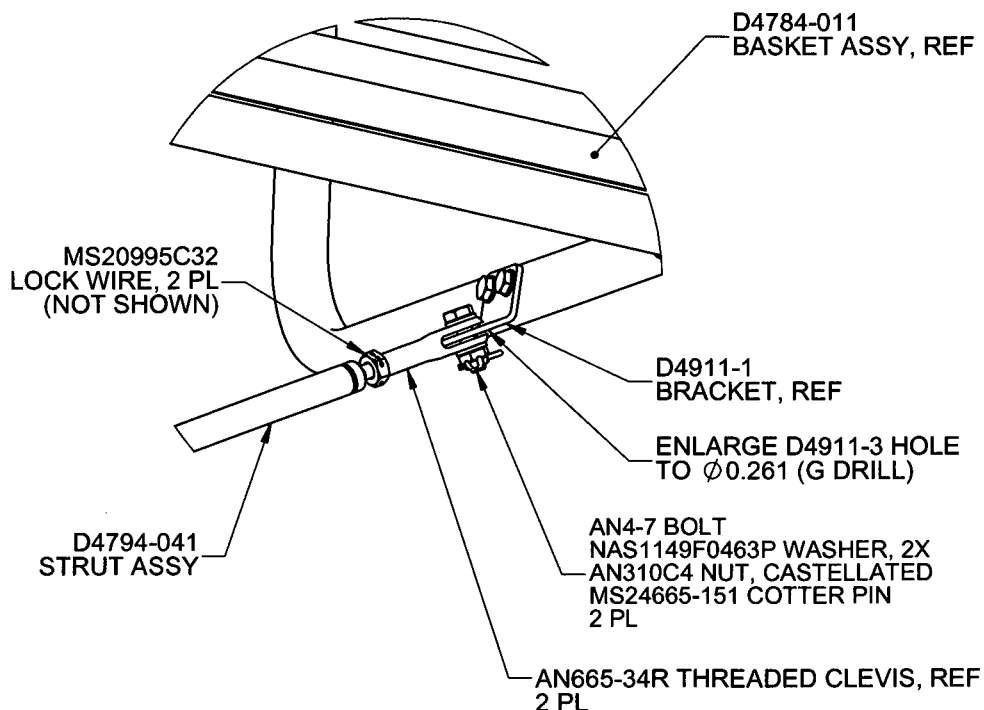


FIGURE 1
(BASKET MESH AND LOCK WIRE NOT SHOWN FOR CLARITY,
BASKET END SHOWN, AIRFRAME END SIMILAR)

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CHECKED	<i>[Signature]</i>	DRAWING NO.	REV. A
MFG. APPR.	N/A	DSI 9676	SHEET 2 OF 2
APPROVED	<i>[Signature]</i>	TITLE	SCALE
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